

METALLURGICAL MATERIAL WITH FABRICATION PADS

ABSTRACT OF THE DISCLOSURE

[0050] A fabrication pad for metallurgical material that is electron beam or laser welded to at least one end of the metallurgical material. The fabrication pad is formed of a monometallic material or other suitably chosen and can be welded to a bi-metal strip to provide a fabrication contact area when the bi-metal strip is utilized in an industrial application. The fabrication pad eliminates the need for plating as an aid to fabrication and eliminates damage to the metallurgical material caused by fabrication activities directly on the metallurgical material. The assembly improves calibration and provides a consistent mechanical output. When used in an electrical circuit breaker, the assembly provides a consistent thermal active length and consistent thermal activities.